No. 1st & final

Original/Duplicate/Triplicate
CONTRACT CERTIFICATE
(For Other Works)

YNK-OBR No. 241
Date 30-8-2014

Date 2014

Division: BBMP / YNK Sub-Division: Yelahanka Sub – Division.

AEE/YNK SUB D
SBR No: 114/14-15
Date 30/8/14

Bill Received No. Dated Divisional Cash Book Voucher No. ..... Dated

Sub Divisional **Work Code: 002-13-000018**

Schedule Docket No Head of Account: Est.Cost: 15.00 Lakhs B.R.No. :

Name of Work : Maintenance of water supply to Existing borewells in village area in ward No-02 of yelahanka Sub Division.

Name of Contractor and Full Address: **Sri Kadri Venkataramana srinivasulu No 225, masidi road yelahanka Bangalore- 64**

Reference to Agreement No. EE/YNK.D/EPMT-9/ W.O/348 /2013-14. Date: 10-9-2013.

Certified that the measurements were taken by me on 30/08/14 and recorded of Pages..... to.....of measurement Book No. 1452 and that the work is satisfactorily executed.

Contractor 2265

Officer-in-charge of work

Certified that the measurement were taken by me on 30/8/14 and found correct. The work is satisfactorily executed.

Certified that the quantities of materials shown in column 3 of Account have been actually brought to site of the work and the contractor has not previously received any advance on this security. These materials are of and imperishable nature and are all required for immediate use on the work in connection with items for finished work have been agreed upon. A normal agreement signed and executed by the contractor is recorded in the office.

Asst. Executive Engineer
Sub-Division Officer
Yelahanka (BBMP/YNK/Zn)
Yelahanka, Bangalore

If Memorandum of Payment

1)	Total value of work done or supplies made as per account within		1404000
2)	Deduct amount to be held in reserve being .....percent Rs.....		74360
3)	" Balance		1329640
4)	Deduct Payment:		
	a) Amount of previous payment as in the Office Cash Book Voucher No.....Dated.....S.D. No..... Amount		1144000
	adjusted towards cash advance recovery of		
	b) Payments Now made } cost store or other material supplied. recovery of amount creditable to this/other work Amount paid on this bill Cheque / Cash.		185640
5)	Balance being unpaid value of work done held in reserve.		
6)	Deduct cash advance made on the Office Cash Book Voucher No..... dated.....less adjustments.		
7)	Net amount due to or from Contractor unadjustments items.		1329640
8)	Advance to Contractor for materials brought to site (as detailed) within.		999850
9)	Value of Government materials supplied.		
	Total amount adjusted -		1144000

Contractor's Signature

Received Rs..... (in words).....

.....

by cash and by adjustment of Payment as per memorandum

(in final settlement of all demands)

Witness
1.
2.

Dated Signature of Contractor

Paid by me by Cheque No.....Dated.....

Cash Rs.....

Dated.....

Initials of Officer making payment

Stamp

Asstt. Executive Engineer Rs. 1144000/-
(For use in the Office)

Rs. 999850/-
and Rs. 144150/- by adjustments

Executive Engineer

Sl no.	Description of work	UNIT
1	Supply and delivery at site brand New Texmo/ Kirloskar/ Sahar / Asiangal Calamati make suitable for vertical installation in 152mm dia bore well comprising of single stage or multistage CF pump close coupled by means of stainless steel coupling to suitable HP suitable speed totally enclosed and filled with pure drinking water (Wet type) squirrel cage submersible induction motor suitable for operation of 3PH, 50 Hz, 360/440 volts AC supply fitted with required accessories such as suction casing suction strainers sand guard Non return valve etc complete The pump and motor shall form an integral unit with all the required fittings 12.50 HP 20 stage SERDED Approved Rate with all lead and lift as per direction of Engineer incharge of the work , 12.5 HP 20 Stage	
3	Supplying of ISI marked galvanized mild steel tube continuously welded electric resistance welded (ERW) high frequency induction welded (HFIW) Hot finished welded type of nominal bore given below screwed at both ends as per IS 554/1985 with latest amendments pipes threaded at one end and the other end protected as per specification in random lengths of 4 to 7 mtrs Conforming to IS 1239 part I/1990 with amendament 1-5 and with all its latest amendements if any. The pipes supplied should be with BIS mark No 3/08-03 2406/15 10 2006 50 mm dia including Collar Heavy Class with all lead and lift as per direction of Engineer incharge of the work ,	Rmtr
4	Lifting of Submersible Pump setwith all lead and lift as per direction of Engineer incharge of the work .	No
5	Transportation of pumping machineries (P.46/L103)RDED SR (2002-03)	No
6	A) Repairs to Motor:Rewinding of submersible pump sets with copper insulation wire of suitable gauge as per ISI specification with gusrantee of 6months with all lead and lift as per direction of Engineer incharge of the work .	
	a) -Do - above 3HP upto 5HP	No
	b) -Do - above 5HP upto 10HP (Above 5HP upto 10HP add Rs 115/- for every 1/2 HP)	No
	B) Replacement of Motor Parts:	
7	Above 5HP Stator (with one year Guarntee) with all lead and lift as per direction of Engineer incharge of the work .	No
8	Above 5HP Rotor (with one year Gurantee) with all lead and lift as per direction of Engineer incharge of the work .	No
9	Upper Flange with all lead and lift as per direction of Engineer incharge of the work .	No
10	Lower Housing with all lead and lift as per direction of Engineer incharge of the work .	No
11	Lower Flangewith all lead and lift as per direction of Engineer incharge of the work .	No
12	a) Carbon Housing with all lead and lift as per direction of Engineer incharge of the work .	No
13	b) Thrust bearing block assembly complete with Segment bearing pad with all lead and lift as per direction of Engineer incharge of the work .	No
14	c) Tip Carbon /Ferrado pading with all lead and lift as per direction of Engineer incharge of the work .	No
15	Bearing (Gun metal) (Centrifugal cast Aluminium Bronze bearing bush with all lead and lift as per direction of Engineer incharge of the work	No
16	Motor Base with pin with all lead and lift as per direction of Engineer incharge of the work .	No
17	Re-erection charges of pumping machineries including overhauling and painting with all lead and lift as per direction of Engineer incharge of the work .	No
18	Labour Charge (overhauling Motor only) with all lead and lift as per direction of Engineer incharge of the work .	No
19	C) Replacement of pump parts: The following main components of submersible pump sets requiring replacement Pump bowls with all lead and lift as per direction of Engineer incharge of the work .	No
20	Intermediate piece (I P) with IP leaded bronze bush with all lead and lift as per direction of Engineer incharge of the work	No
21	Oil seal with all lead and lift as per direction of Engineer incharge of the work	No
22	Oil seal steel bush with all lead and lift as per direction of Engineer incharge of the work .	No
23	Guide vane Pno 39/1 No B5 with all lead and lift as per direction of Engineer incharge of the work .	No
24	Impeller (shell moulded with aluminium and Bonze) with all lead and lift as per direction of Engineer incharge of the work -03	No
25	a) Discharge outlet (D O) Bearing D O Steel Bush with all lead and lift as per direction of Engineer incharge of the work .	No
26	b)D O Bearing with all lead and lift as per direction of Engineer incharge of the work .	No
27	Steel bush (D O) steel bush) with all lead and lift as per direction of Engineer incharge of the work .	No
28	Allen Screw with all lead and lift as per direction of Engineer incharge of the work .	No
29	Pump shaft made out of stainless steel Centreless ground with key way (upto 8 stages) with all lead and lift as per direction of Engineer incharge of the work .	No
30	Pump key (Stainless steel) with all lead and lift as per direction of Engineer incharge of the work .	No
31	Pump coupling (stainless steel)with all lead and lift as per direction of Engineer incharge of the work .	No

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	2.00	34400.00	68800.00	2.00	68800.00	
–	–	480.00	299.20	143616.00	480.00	143616.00	
–	–	8.00	600.00	4800.00	8.00	4800.00	
–	–	8.00	640.00	5120.00	8.00	5120.00	
–	–			0.00	0.00	0.00	
–	–	6.00	2000.00	12000.00	6.00	12000.00	
–	–	2.00	2960.00	5920.00	2.00	5920.00	
–	–			0.00	0.00	0.00	
–	–	16.00	3680.00	55200.00	15.00	55200.00	
–	–	15.00	3600.00	54000.00	15.00	54000.00	
–	–	16.00	280.00	4480.00	16.00	4480.00	
–	–	16.00	460.00	7360.00	16.00	7360.00	
–	–	20.00	280.00	5600.00	20.00	5600.00	
–	–	16.00	360.00	5760.00	16.00	5760.00	
–	–	16.00	760.00	12160.00	16.00	12160.00	
–	–	16.00	60.00	960.00	16.00	960.00	
–	–	16.00	300.00	4800.00	16.00	4800.00	
–	–	25.00	360.00	9000.00	25.00	9000.00	
–	–	32.00	680.00	21760.00	32.00	21760.00	
–	–	32.00	360.00	11520.00	32.00	11520.00	
–	–	32.00	116.00	3712.00	32.00	3712.00	
–	–	32.00	392.00	12544.00	32.00	12544.00	
–	–	32.00	17.60	563.20	32.00	563.20	
–	–	32.00	60.00	1920.00	32.00	1920.00	
–	–	200.00	142.40	28480.00	200.00	28480.00	
–	–	200.00	176.00	35200.00	200.00	35200.00	
–	–	32.00	348.00	11136.00	32.00	11136.00	
–	–	32.00	200.00	6400.00	32.00	6400.00	
–	–	32.00	120.00	3840.00	32.00	3840.00	
–	–	32.00	20.00	640.00	32.00	640.00	
–	–	32.00	760.00	24320.00	32.00	24320.00	
–	–	32.00	100.00	3200.00	32.00	3200.00	
–	–	40.00	200.00	8000.00	40.00	8000.00	

sl no	Description of work	Unit
32	Non - Return valve (NRV) assembly complete with rubber 'O' Ring **with all lead and lift as per direction of Engineer incharge of the work .**	No
33	Cable guard **with all lead and lift as per direction of Engineer incharge of the work .**	No
34	Strainer **with all lead and lift as per direction of Engineer incharge of the work .**	No
35	Providing and fixing 50 mm dia heavy duty collar	No
36	Supplying and drawing 3 core flat PVC sheathed submersible pump cable manufactured with electrolytic grade copper with flexible copper conductor confirming to table 3 class 5 of IS:8130-1984 and virgin grade PVC insulation and sheathed suitable for working voltage upto 1100 volts	Mtrs
37	Supplying and fixing 20"x20"x2.5" polished wood board made of not less than 15mm thick plank on both sides with planks made out of not more than 2 pieces and fixing the same to the wall using tapered inverted wooden plugs screws etc **with all lead and lift as per direction of Engineer incharge of the work .**	No
38	Supplying of LTUG cable having aluminium conductor PVC insulated shethed, galvanised steel, wire/ steel tap armoured cable with PVC outer sheathing 1.1KV class.	Mtrs
39	Labour charges for laying of 1.1KV class UG cable (PWD Electrical with all lead and lift as per direction of Engineer incharge of the work	Mtrs
40	Digging or trenching of 0.6mx 0.5 m wide refilling the trench to the required ground level and consolidating etc complete as per Civil SR (SRB 1-2 F-3	Mtrs
41	Supplying and fixing of class A (medium duty) GI pipe of wall thickness not less than 3.25 mm on pole/wall/drain crossing with necessary clamping arrangements for UG cable of 1.1KV class with all lead and lift as per direction of Engineer incharge of the work .	Mtrs
42	Supplying and fixing L.T. cast iron pot head suitable for 1.1 KV class UG cable filled with necessary bitumen/ insulating compound complete with terminals clamps, bolts, nuts, and washers etc. with all lead and lift as per direction of Engineer incharge of the work.	No
43	Fabrication supplying and mounting MS box of 16 SWG suitable for floor /wall mounting, fully weather proof with provision for better heat dissipation, provided with hinged front cover, equipped with tamper proof locking arrangements, with suitable size clamps with necessary cable entry pipe with gland and box should be finished 2 Sq.Cm coats of red oxide primer paint and finally finished with approved colour enamelled metal paint etc., complete box of 21600 sqcm @ Rs.0.33 16SWG .	
44	Supply and delivery of any brand new star / Essen/ Lotus/sun shines/ Adrash/ GK controls best indigenous make combined energy meter cum control panel board unit of size 600x450x200mm minimum mechanically strong vermin and water proof type unit shall have two detachable doors suitable for operation on 3 Ph, 50 Jz 380/440 Volts, A.C supply with spring loaded latch locking device with a key nibs should be provided inside the door canopy type and louvers ventilators shall be provided, the combined energy meter cum control panel board unit suitable for operation. The panel board shall be fabricated on single unit in the above components for suitabl pump set **10HP 20** stage with star /Delta starter	No
45	PVC SRB 13 & 3-6. Providing and fixing in position brass gate valve with C.I wheel of approved quality (screwed end) 80mm nominal bore including cost of all materials labour and HOM of equipments with all leads complete as per specifications. Specification with all lead and lift as per direction of Engineer incharge of the work	each
46	Earth work excavation in pipe line trenches including depositing on bank upto a lead of 50 meters including shoring and strutting danger lights and using sight rails and boning rods at every 100 mtrs wherever necessary as directed in the following strata by manual means in hard soil	cum.
47	Providing and installing at site of works P.V.C pipes including cost of pipes and specials and including lowring into trenches laying true to level and perfect jointing at joints leak proof alround to a depth Not less than 15cm with	
	90mm dia EKSC PVC pipe or selected earth available from the excavation etc.	Rmtr
	63mm dia E.KSC	Rmtr
48	Refilling the basement and pipeline trench as with selected available earth from trench excavation including watering consolidation in layers not exceeding 15 cm thick including disposing of the surplus earth with a lead of 200 meters with all lead and lift as per direction of Engineer incharge of the work	cum
		TOTAL

Certificates

1. The above work is done satisfactorily and complete in all respect.
2. There is no departmental material issue for the above work.
3. This works comes under SOR/MP Limit.

Previous Measurment		Present Measurement			Total up-to date		Remarks
Qty	cost	Qty	Rate	Cost	Qty	cost	
–	–	40.00	1080.00	43200.00	40.00	43200.00	
–	–	40.00	120.00	4800.00	40.00	4800.00	
–	–	40.00	60.00	2400.00	40.00	2400.00	
–	–	40.00	92.80	3712.00	40.00	3712.00	
–	–	1000.00	85.60	85600.00	1000.00	85600.00	
–	–	25.00	220.00	5500.00	25.00	5500.00	
–	–	200.00	120.00	24000.00	200.00	24000.00	
–	–	200.00	4.00	800.00	200.00	800.00	
–	–	150.00	48.00	7200.00	150.00	7200.00	
–	–	40.00	176.00	7040.00	40.00	7040.00	
–	–	25.00	191.00	4775.00	25.00	4775.00	
–	–	10,3190 147900.00	0.28	1412.00	147900.00	41412.00	
–	–	3.00	5600.00	16800.00	3.00	16800.00	
–	–	36.00	1289.60	46425.60	36.00	46425.60	
–	–	891.00	143.20	127591.20	891.00	127591.20	
						0.00	
–	–	700.00	89.60	62720.00	700.00	62720.00	
–	–	700.00	66.25	46375.00	700.00	46375.00	
–	–	891.00	46.40	41342.40	891.00	41342.40	
				~~1144504.40~~		~~1144504.40~~	

Remarkably

11,44,000/- 11,44,000/-

11,44,391.20

Add to RC Number